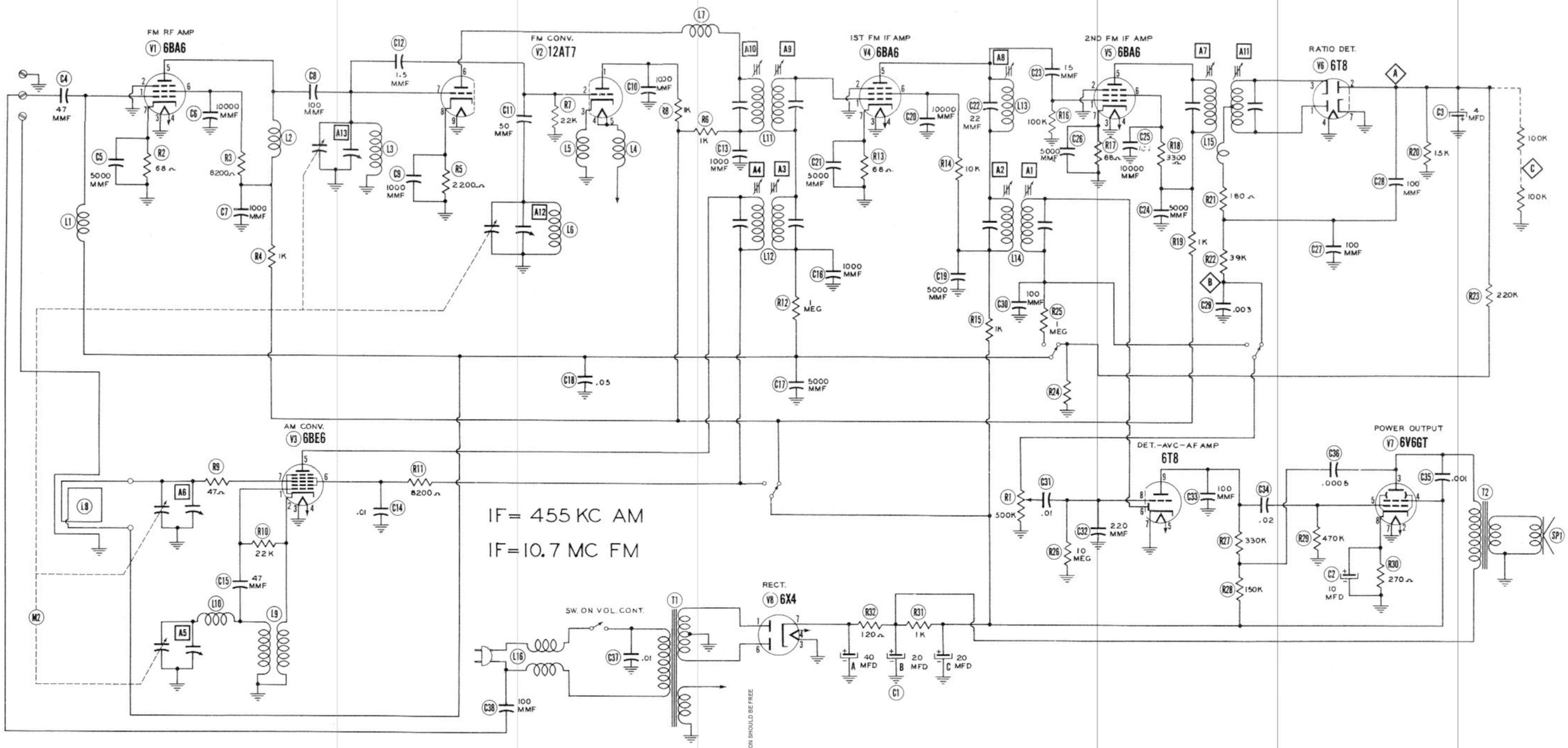

INFORMATION SHOULD BE FREE

VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V 1	6BA6	▲-.2VDC	0V	0V	6.3VAC	▲110VDC	▲.80VDC	▲.8VDC		
V 2	12AT7	▲120VDC	5▲-2.1VDC	0V	6.1VAC	6.1VAC	▲125VDC	0V	▲2.4VDC	0V
V 3	6BE6	5-8.VDC	0V	0V	6.3VAC	165VDC	105VDC	-9VDC		
V 4	6BA6	.2VDC	0V	0V	6.3VAC	▲115VDC 150VDC	▲80VDC 105VDC	.9VDC		
V 5	6BA6	▲0V .7VDC	0V	0V	6.3VAC	▲110VDC	▲90VDC	▲1.2VDC		
V 6	6T8	.4VDC	.5VDC	-.4VDC	0V	6.3VAC	-6VDC	0V	-7VDC	50VDC
V 7	6V6GT	0V	6.3VAC	▲165VDC 185VDC	▲125VDC 165VDC	0V	100VAC	0V	▲6VDC 8VDC	
V 8	6X4	190VAC	125VDC	0V	6.3VAC	165VDC	190VAC	200VDC		

RESISTANCE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V 1	6BA6	▲100KΩ 1.5Meg	0Ω	0Ω	.1Ω	▲†2.1KΩ	▲†10.3KΩ	68Ω		
V 2	12AT7	▲†2.1KΩ	22KΩ	.5Ω	.8Ω	.8Ω	▲†2.1KΩ	0Ω	2.2KΩ	0Ω
V 3	6BE6	22KΩ	.5Ω	0Ω	.1Ω	†1.1KΩ	†9.3KΩ	▲100KΩ 1.5Meg		
V 4	6BA6	▲1.1Meg 2.5Meg	0Ω	0Ω	.1Ω	†2.1KΩ	†12KΩ	68Ω		
V 5	6BA6	100KΩ	0Ω	0Ω	.1Ω	▲†2.1KΩ	▲†5.4KΩ	68Ω		
V 6	6T8	▲540KΩ	14KΩ	▲540KΩ	0Ω	.1Ω	500KΩ	0Ω	10Meg	†480KΩ
V 7	6V6GT	INF	.1Ω	†390Ω	†1.1KΩ	470KΩ	INF	0Ω	280Ω	
V 8	6X4	160Ω	INF	0Ω	.1Ω	50KΩ	160Ω	50KΩ		

†MEASURED FROM PIN 7 OF V8
▲MEASURED IN FM POSITION

THE COOPERATION OF THE MANUFACTURER OF THIS RECEIVER MAKES IT POSSIBLE TO BRING YOU THIS SERVICE

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of ± 10% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.

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